

MB-350

Mandrel Tube Bender
3" Tube Capacity

SPECIFICATIONS

Capacity	
Round Tube (Mild steel)	3.0 od x .120 wall
(Stainless Steel)	3.0 od x .065 wall
Square Tube (SS & MS)	2.0 x 2.0 x .120 wall
Min Practical Material Diameter	1.0 dia
Max CLR	9.0 clr
Min CLR	1.5 x dia.
Bend Direction	Clockwise
Max Bend Angle	200°
Max Bend Speed	180° in 16 sec
Bendina HP	4 HP
Hydraulic HP	5 HP
Max Hydraulic Pressure	3000 psi
Voltage	230V, 50 Hz, 3-phase
Weight	4000 lbs.
Mandrel Rod Size	1.0 dia x 1"-8 thread
Index Table Length	10 ft
Index Chuck Thru Hole	2.4 dia

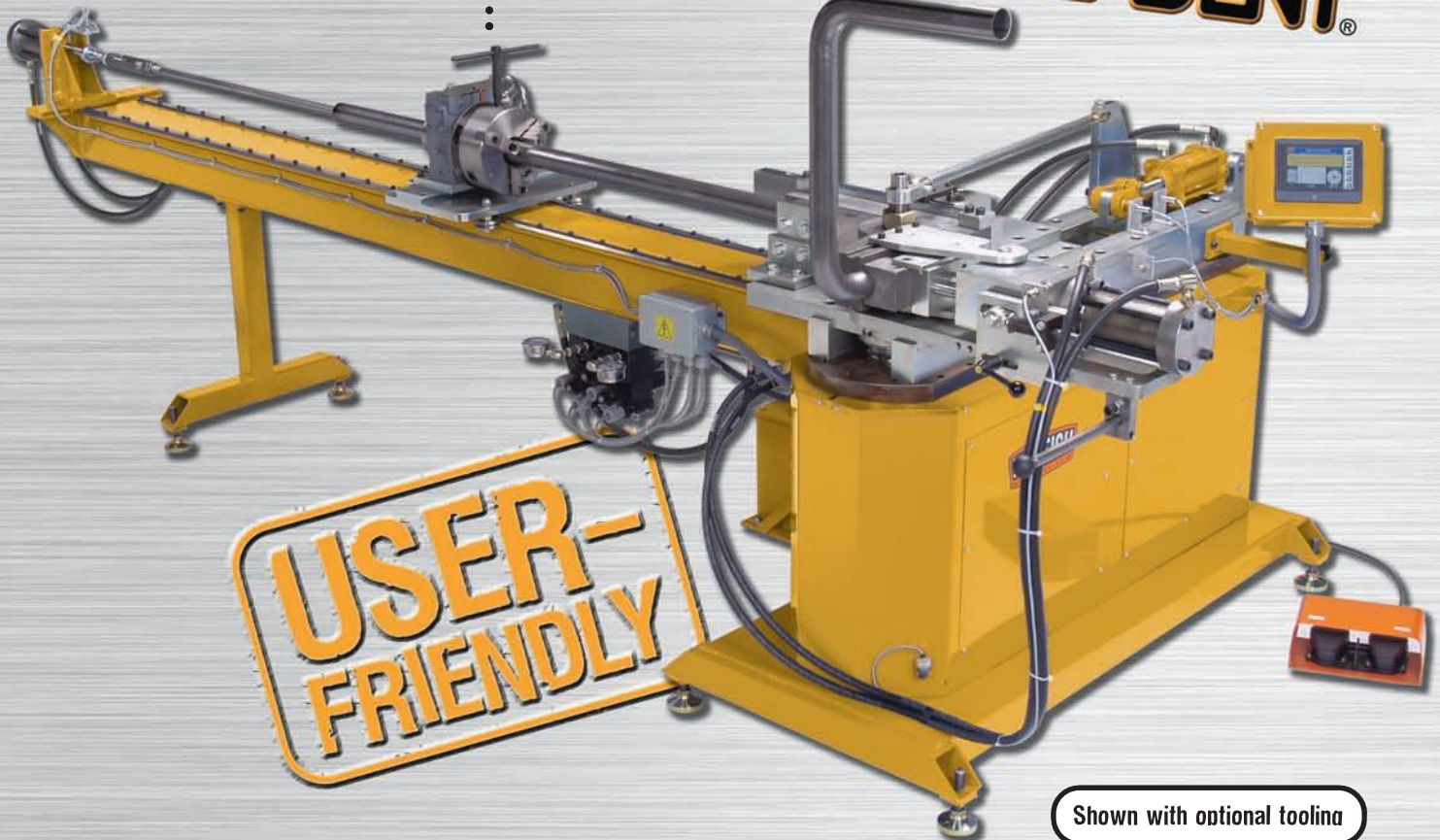
Specifications subject to change without notice.



Easy-to-operate user-friendly touch screen
140 programs, 10 bends per program
Quick change tooling
1.5 D bends
Mandrel extractor / positioner
Maximum 3" stainless steel tubing with .065" wall
Call about your specific application



GET BENT®



Shown with optional tooling

Full semi-automatic Mandrel Bender utilizing standard industry style tooling: Bend Die, Clamp Die, Pressure Die, Wiper Die, Ball Mandrels.

Control Features

- Full user-friendly touch screen display
- 140 available programs alpha numerically labeled
- 10 bends allowed per program name
- Bend rotation data is programmable and stored
- Distance between bends can be stored
- Separate spring back value, settable for each bend
- Adjustable bend speeds 1-6
- Constant angle display
- Load meter
- Manual bend screen, for simple one-time bends
- Manual hydraulic control screen
- Manual bend mode
- Semi-automatic bend mode
- Bends are controlled via foot pedal
- Bend counter
- Adjustable early mandrel retract

Standard Features

- Touch screen control
- Servo drive motor
- Mechanical gear drive system
- Hydraulic clamping
- Hydraulic pressure die extend/retract
- Hydraulic mandrel extend/retract
- Traveling index table with 360° rotatable chuck with degree scale
- 4 stop blocks for positioning distance between bends

- Hollow mandrel rod w/arease zerk for easy mandrel lubrication.
- Traveling pressure die reduces drag
- Rugged powder coated cabinet
- Pressure die position counter
- Overload protection

Options

- Swiveling mandrel rod attachment, for materials with heavy weld seams and prevents loosening of mandrel
- Pressure die assist (coming soon)
- Hand pump for mandrel lubrication thru mandrel shaft
- 5/8 dia mandrel rod for 1.125 and under material

Mandrel Tooling

- Heat treated and nitrated 4150 steel dies for years of trouble free service
- Removable replaceable clamp dies
- Knurled clamp areas, other textures available
- Clamp area is a short 2x dia.
- All bend and pressure dies are for 180° bends
- Inserted and replaceable wiper die tips
- Hard chrome and tough amco bronze is used for mandrels and wipers

